

Figure 1 (Prior Art)

09812066-072501

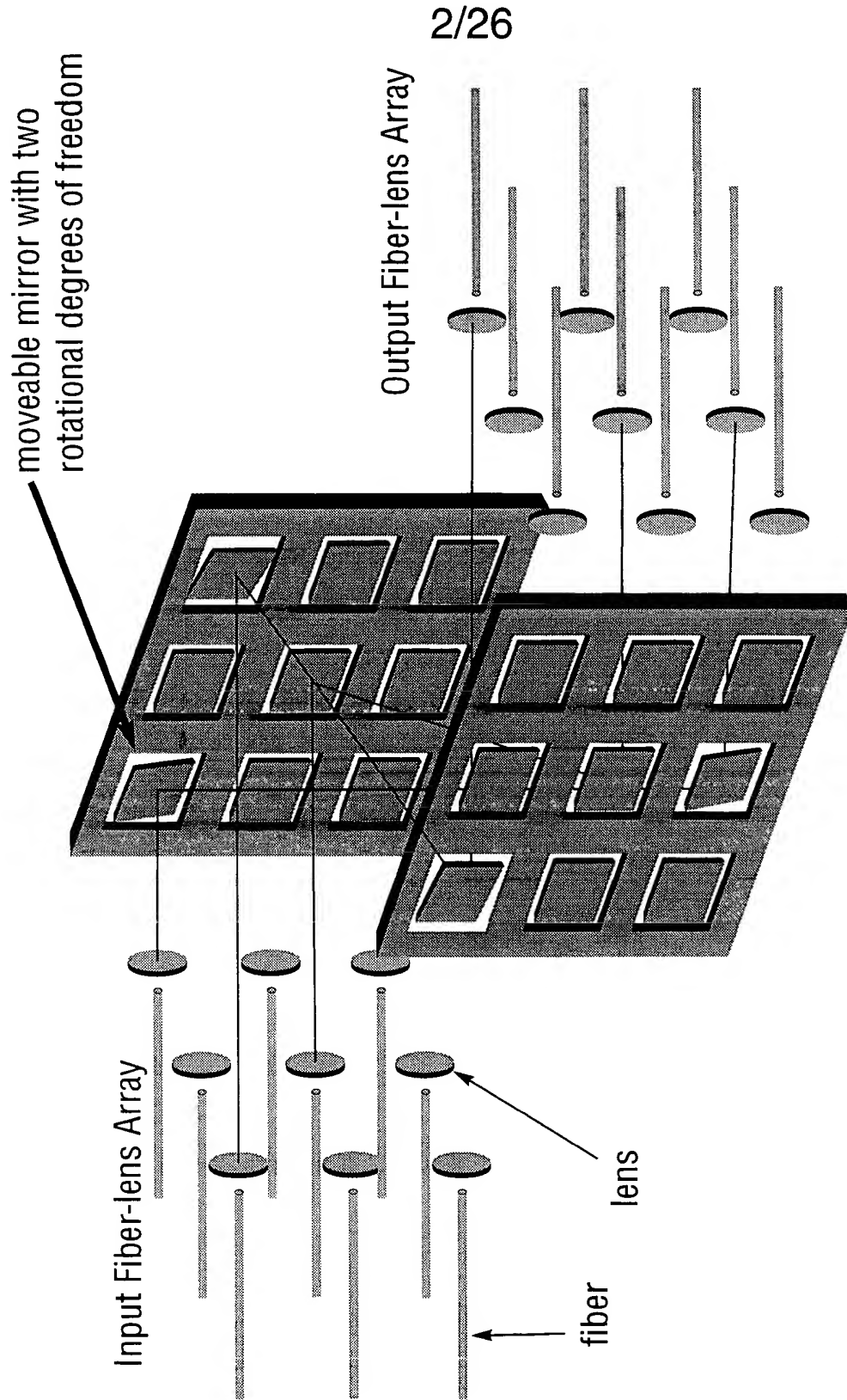


Figure 2 (Prior Art)

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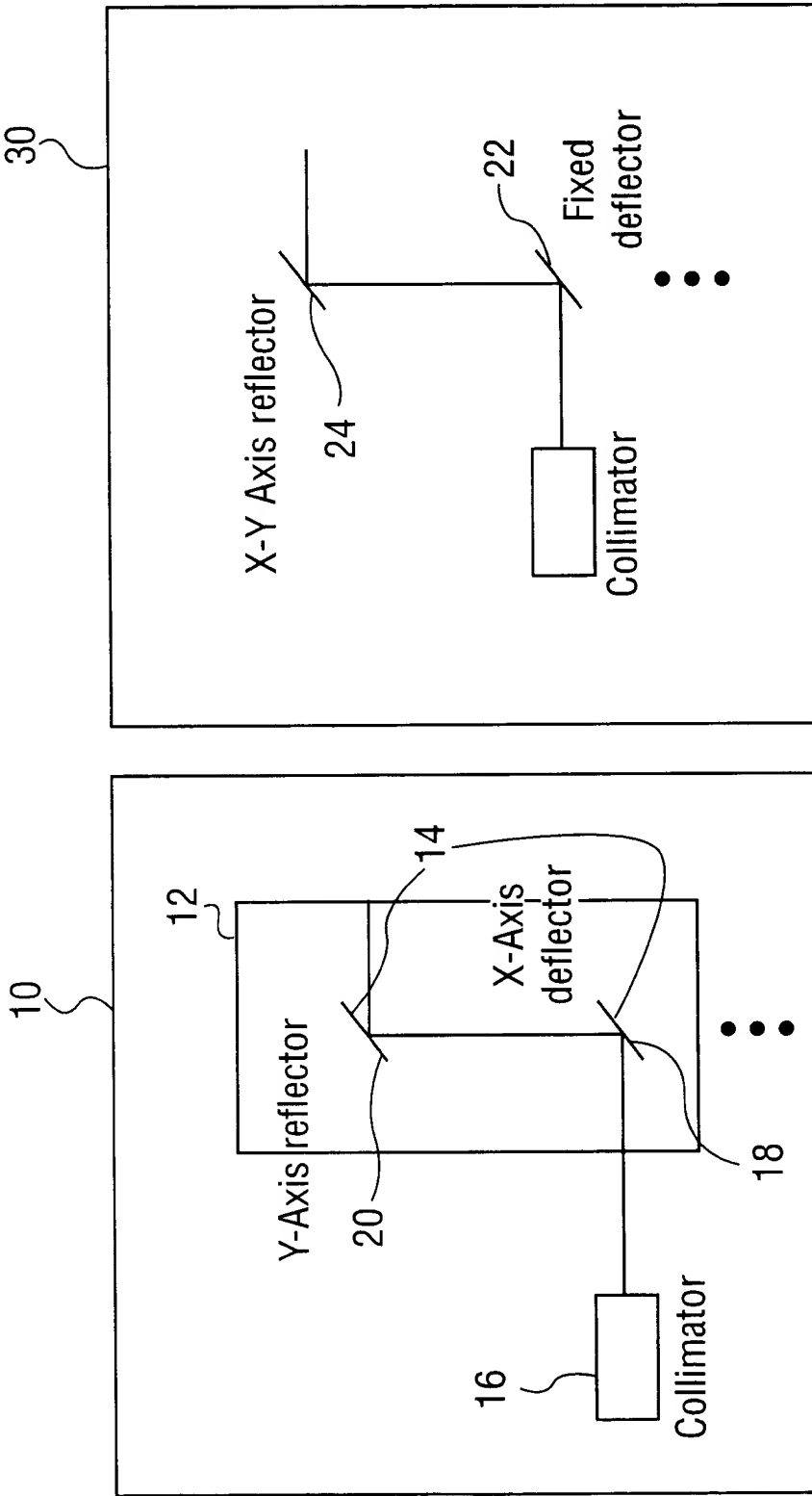


Fig. 4

Fig. 3

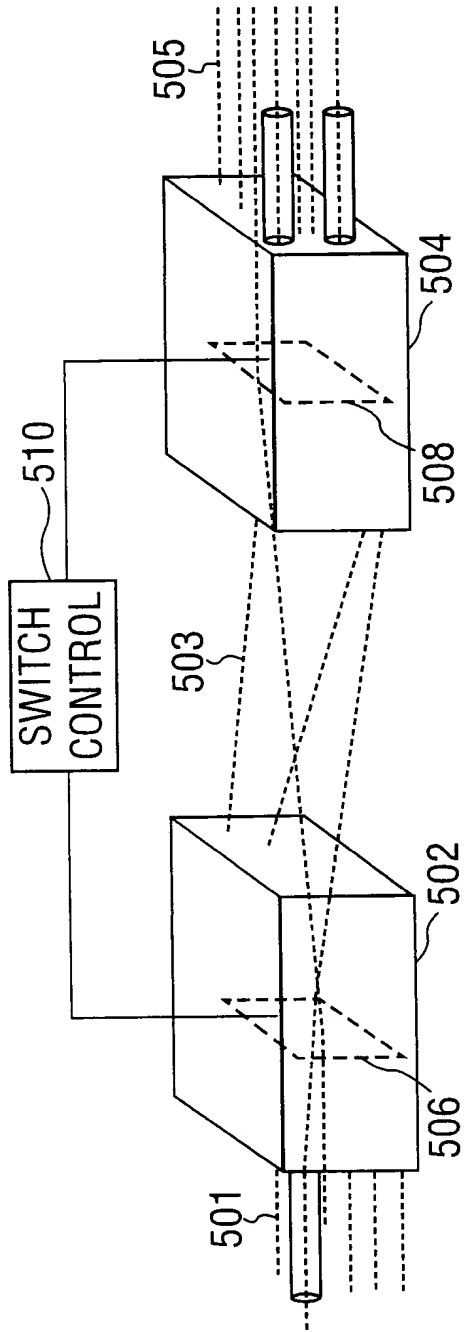


Figure 5

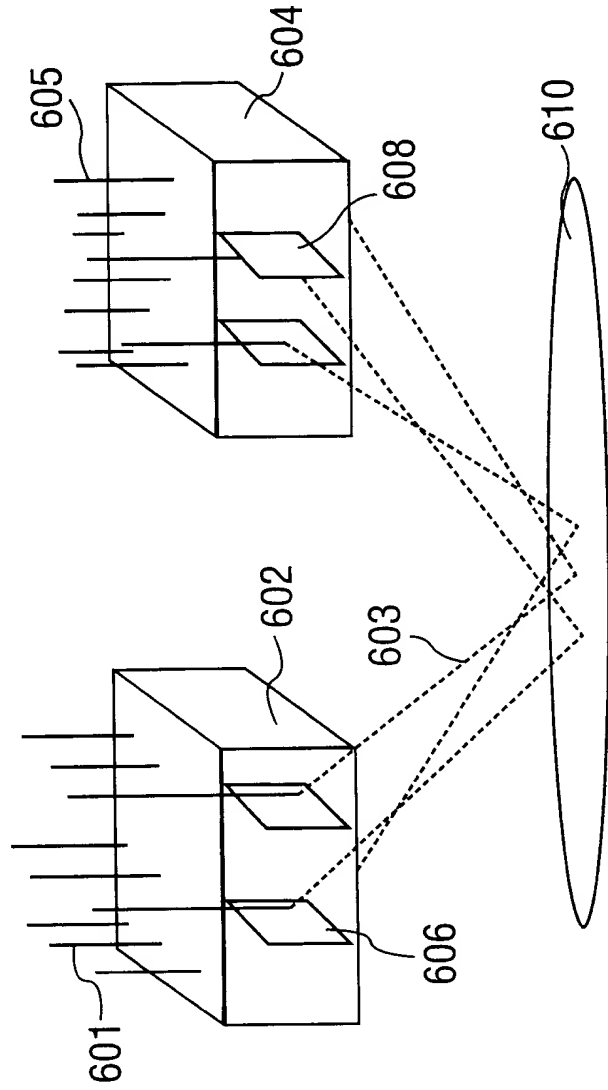
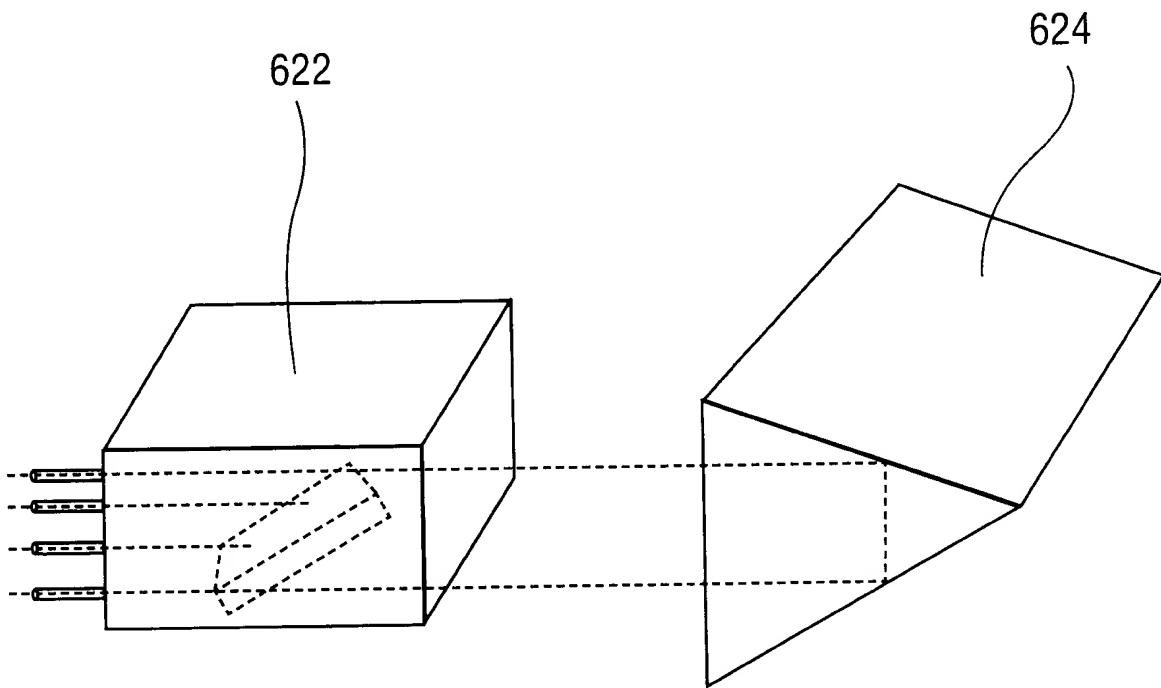


Figure 6A

500

600

620



**Figure 6B**

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700

701

705

703

702<sub>1</sub>

704<sub>1</sub>

702<sub>2</sub>

704<sub>2</sub>

702<sub>3</sub>

704<sub>3</sub>

702<sub>N</sub>

704<sub>M</sub>

Figure 7A

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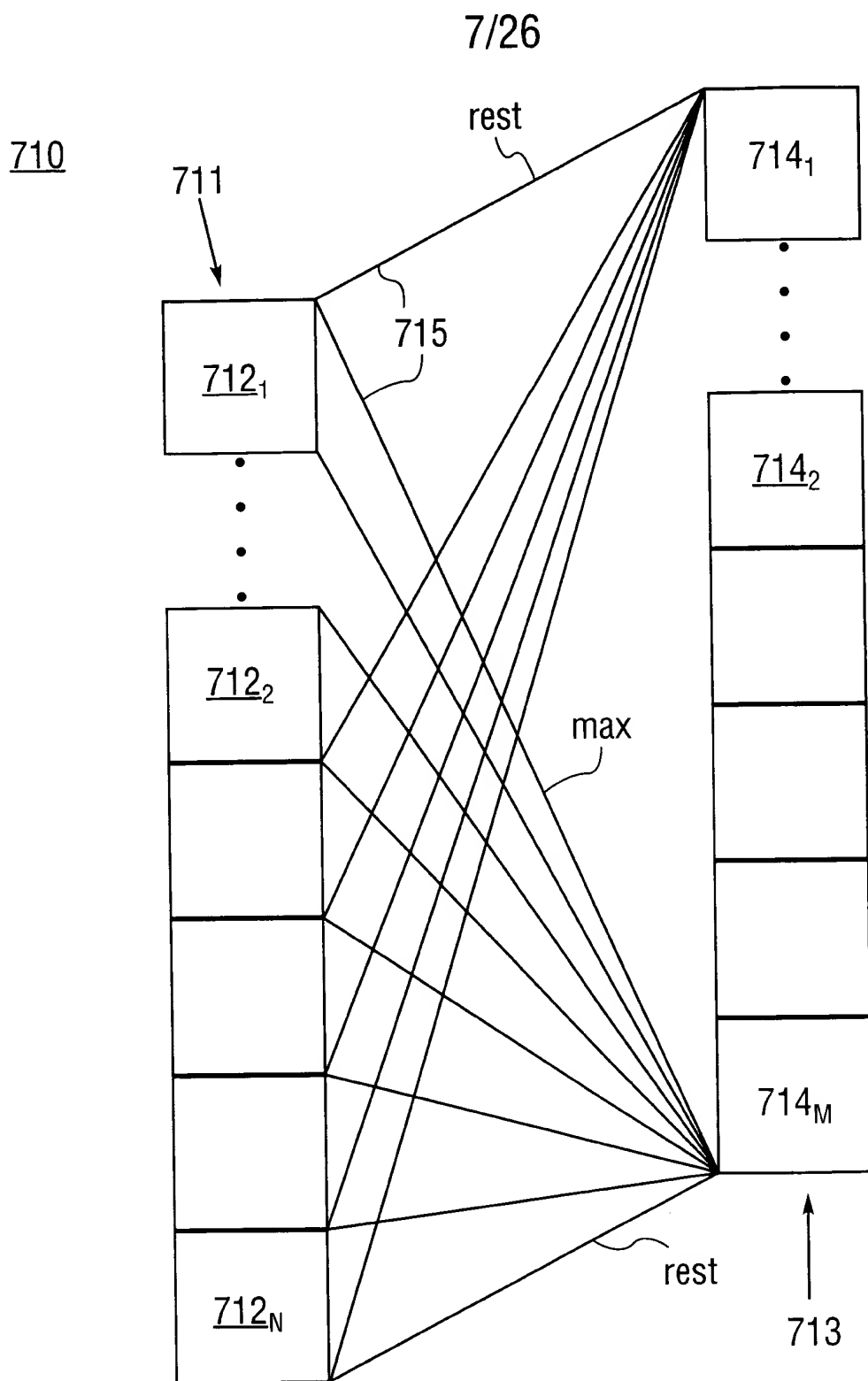


Figure 7B

720

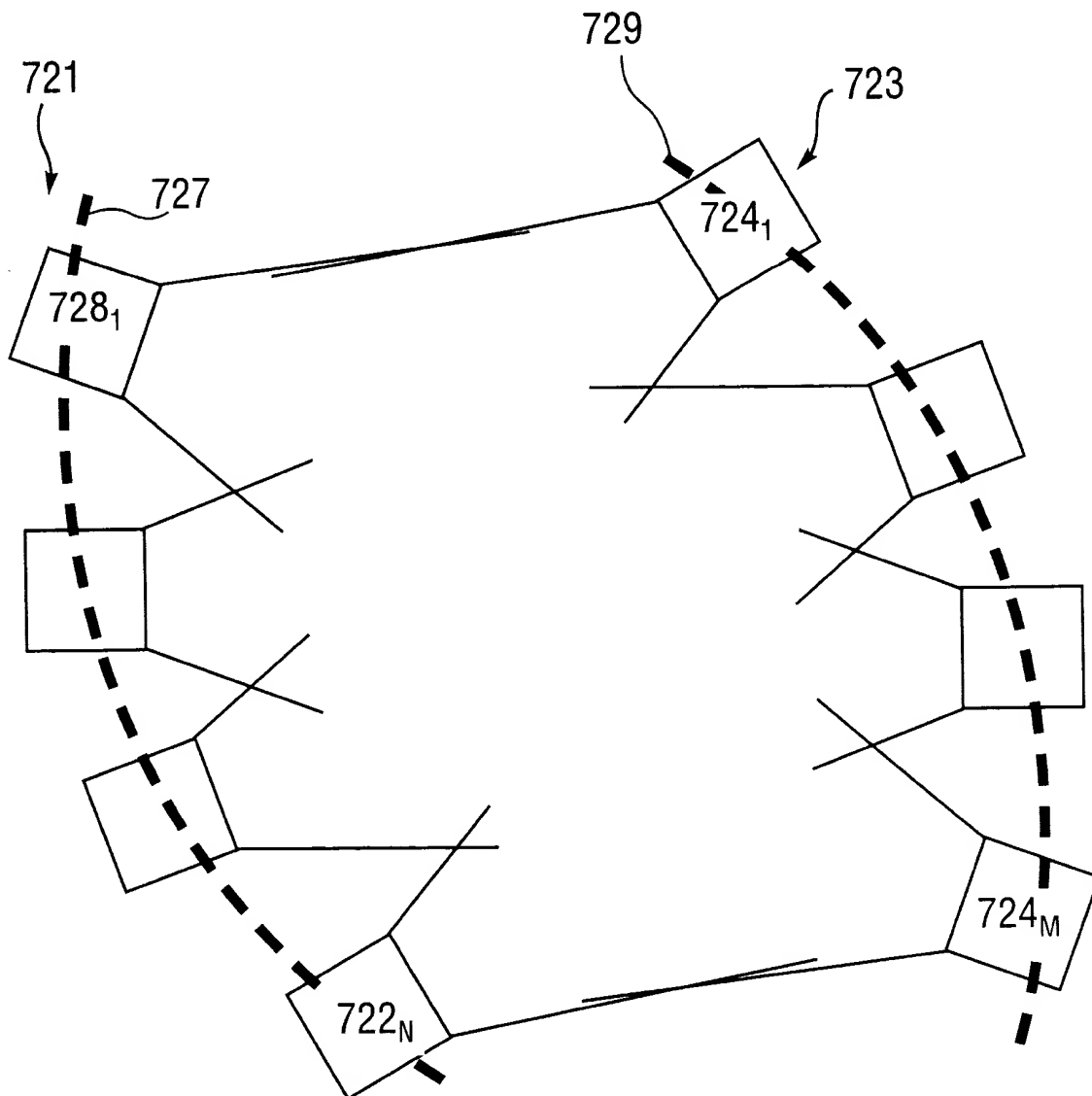


Figure 7C



730

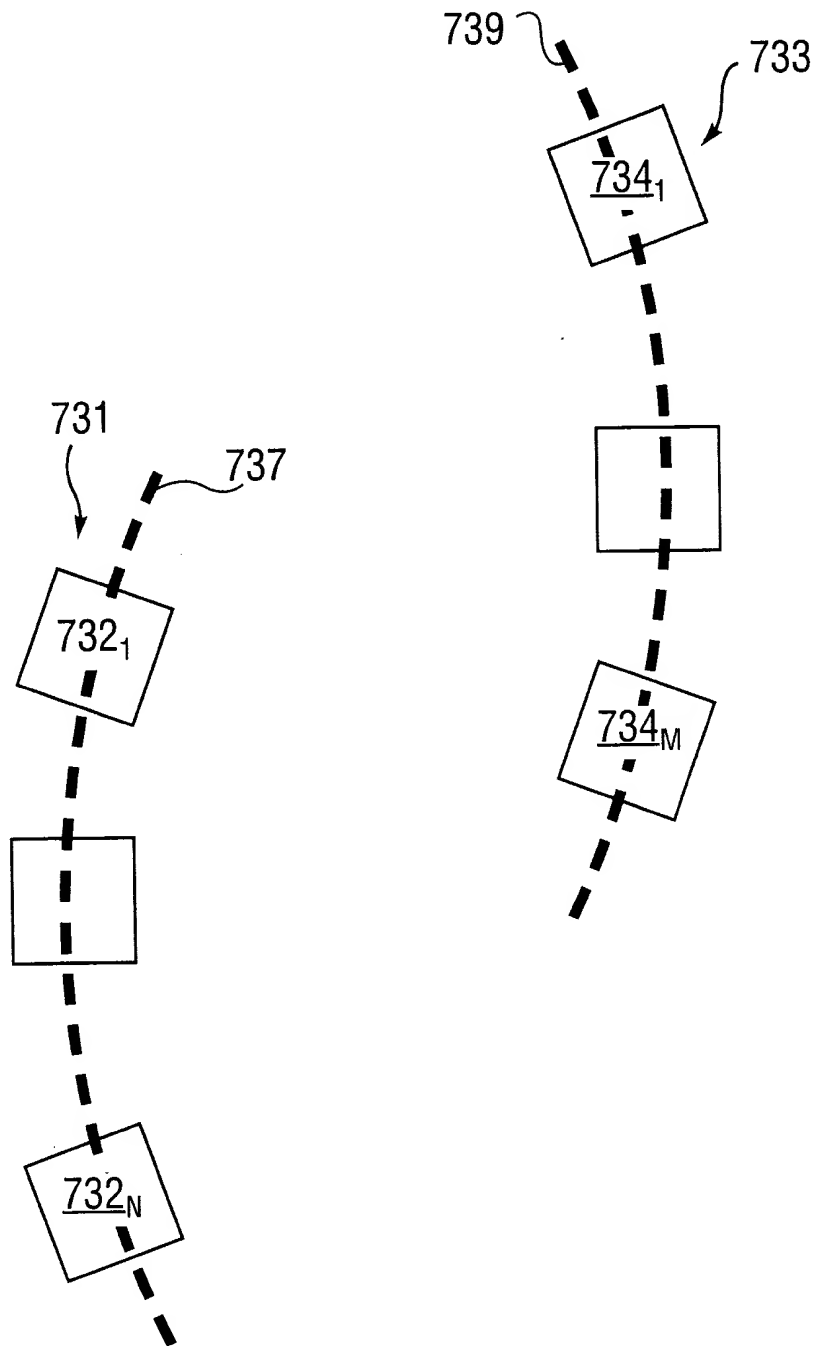


Figure 7D

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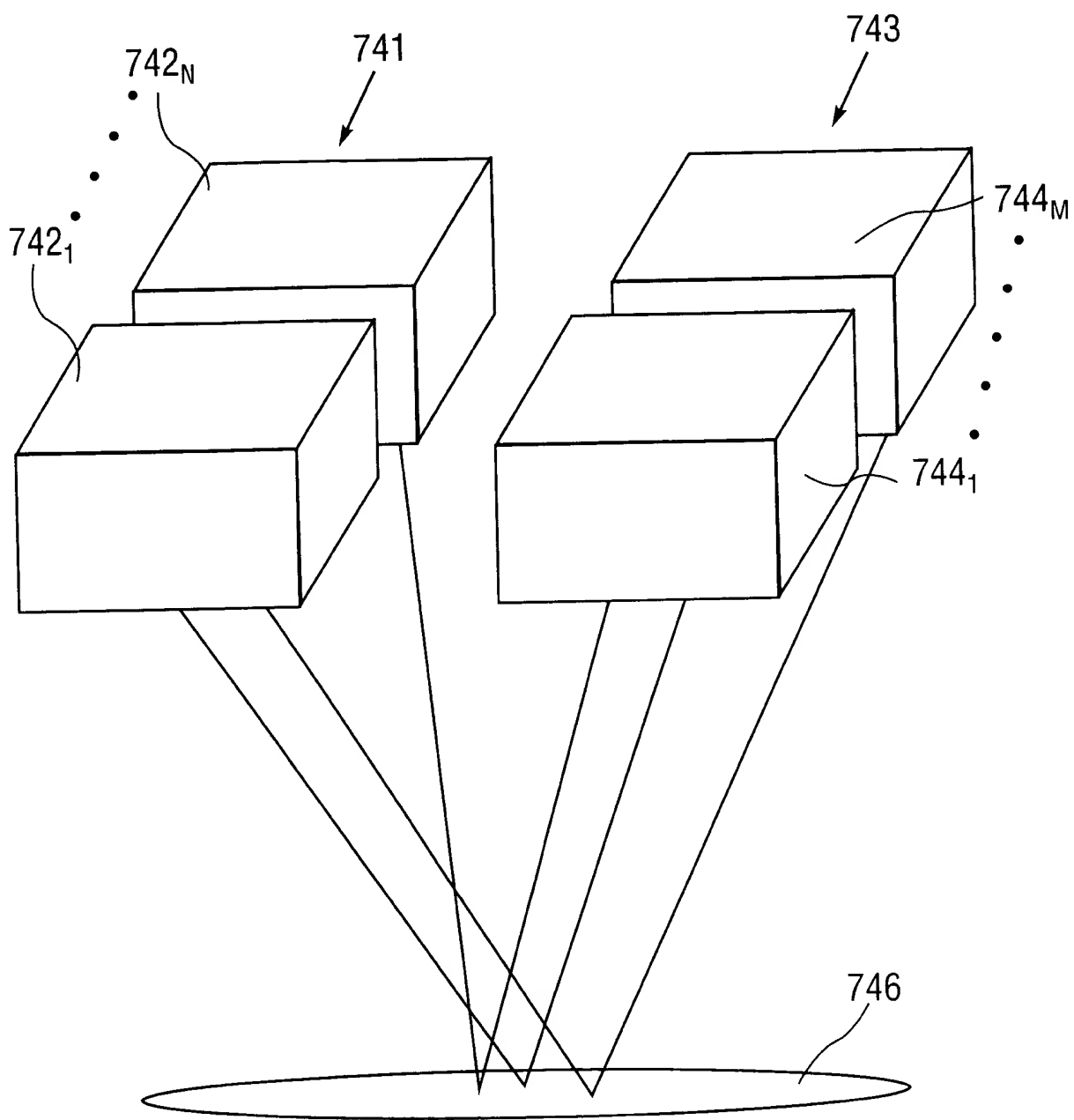
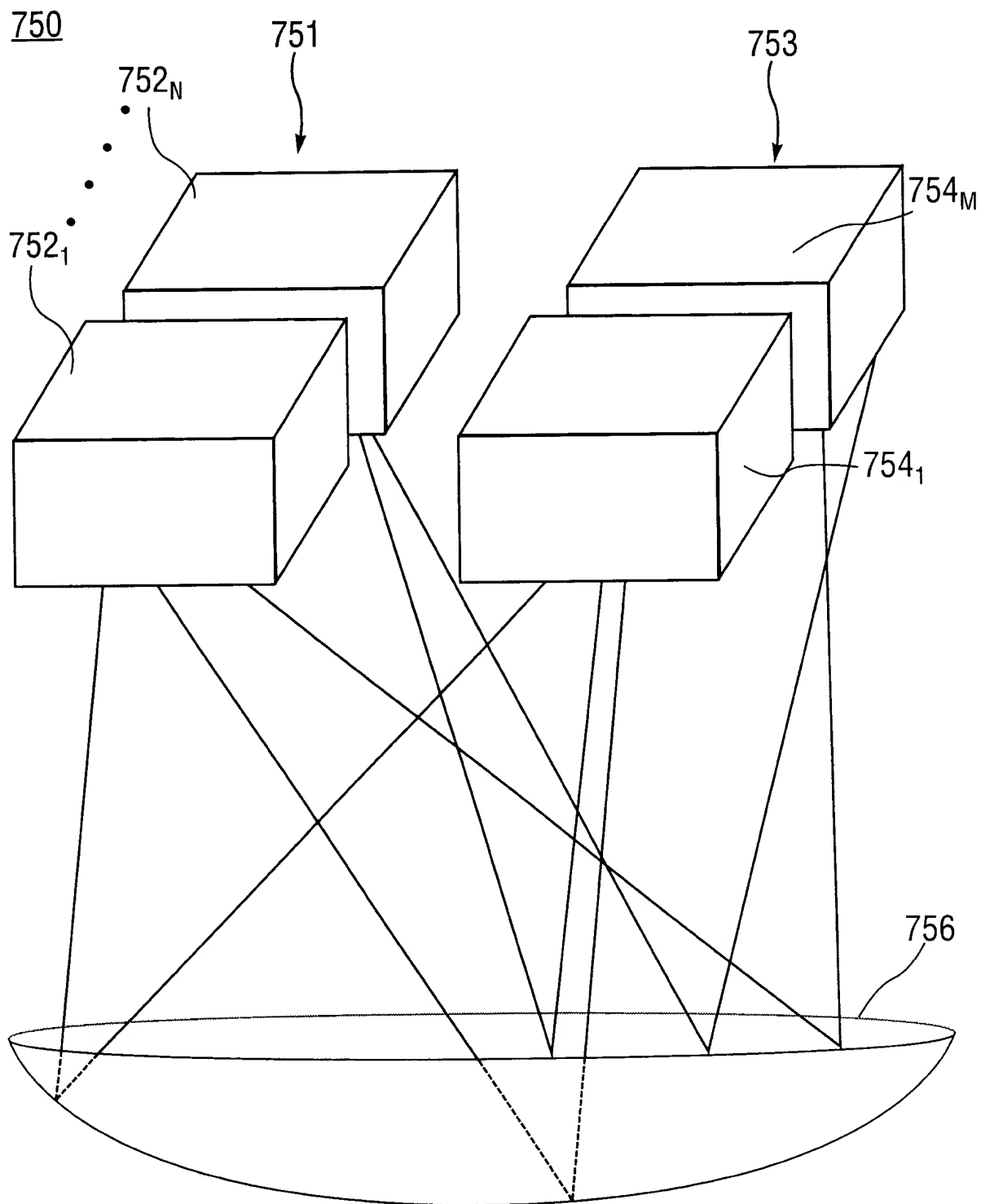


Figure 7E

FIG. 7E

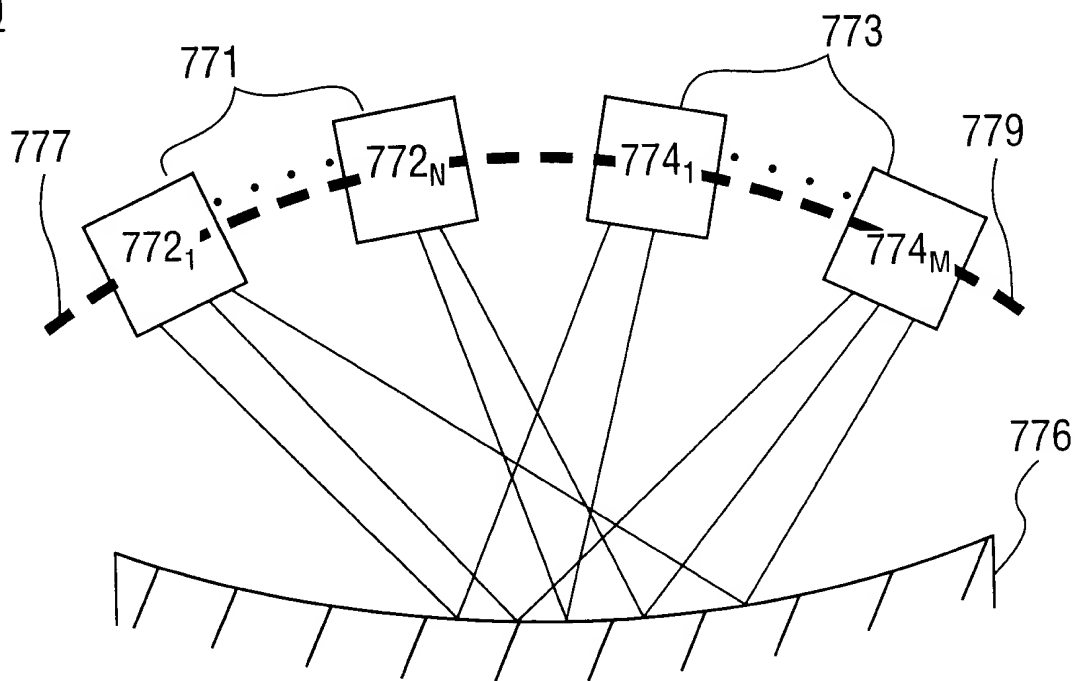


**Figure 7F**

FIG. 7F

Diagram illustrating a multi-camera system for 3D reconstruction. A horizontal line at the bottom represents the ground plane. Four cameras are positioned at different heights and locations above the ground plane, labeled 762<sub>1</sub>, 762<sub>N</sub>, 764<sub>1</sub>, and 764<sub>M</sub>. Solid lines represent the fields of view (FOV) of each camera, which intersect at a common point on the ground plane. Dashed lines connect the cameras in a sequence: 762<sub>1</sub> to 762<sub>N</sub>, 762<sub>N</sub> to 764<sub>1</sub>, and 764<sub>1</sub> to 764<sub>M</sub>. Brackets indicate groups of cameras: 761 for the first group (762<sub>1</sub> to 762<sub>N</sub>) and 763 for the second group (764<sub>1</sub> to 764<sub>M</sub>). Labels 767 and 769 point to the dashed lines, and label 766 points to the ground plane.

770



### Figure 7H

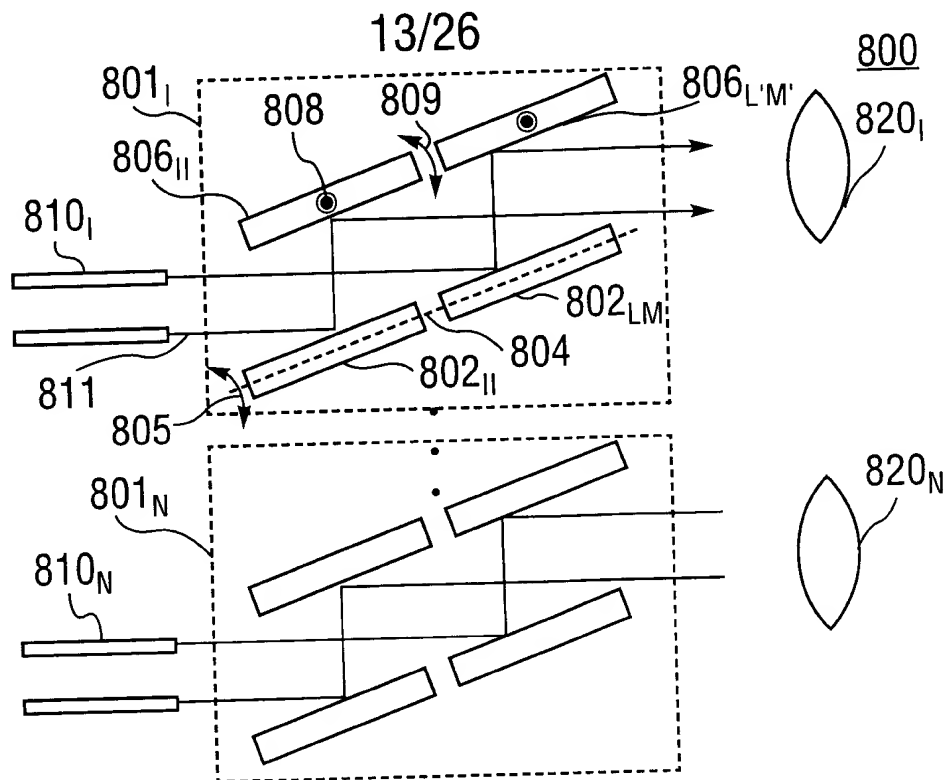


Figure 8

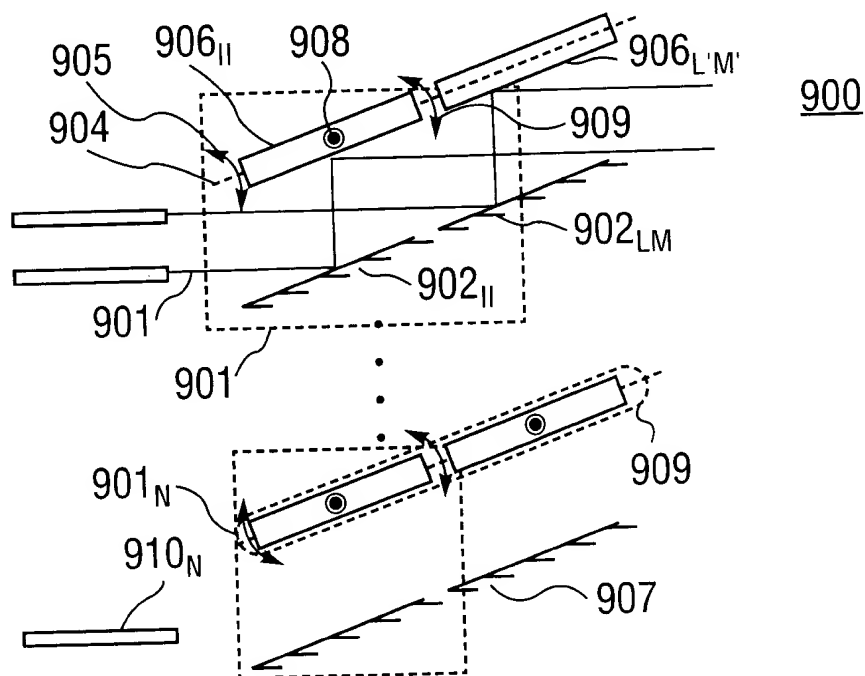


Figure 9

1000

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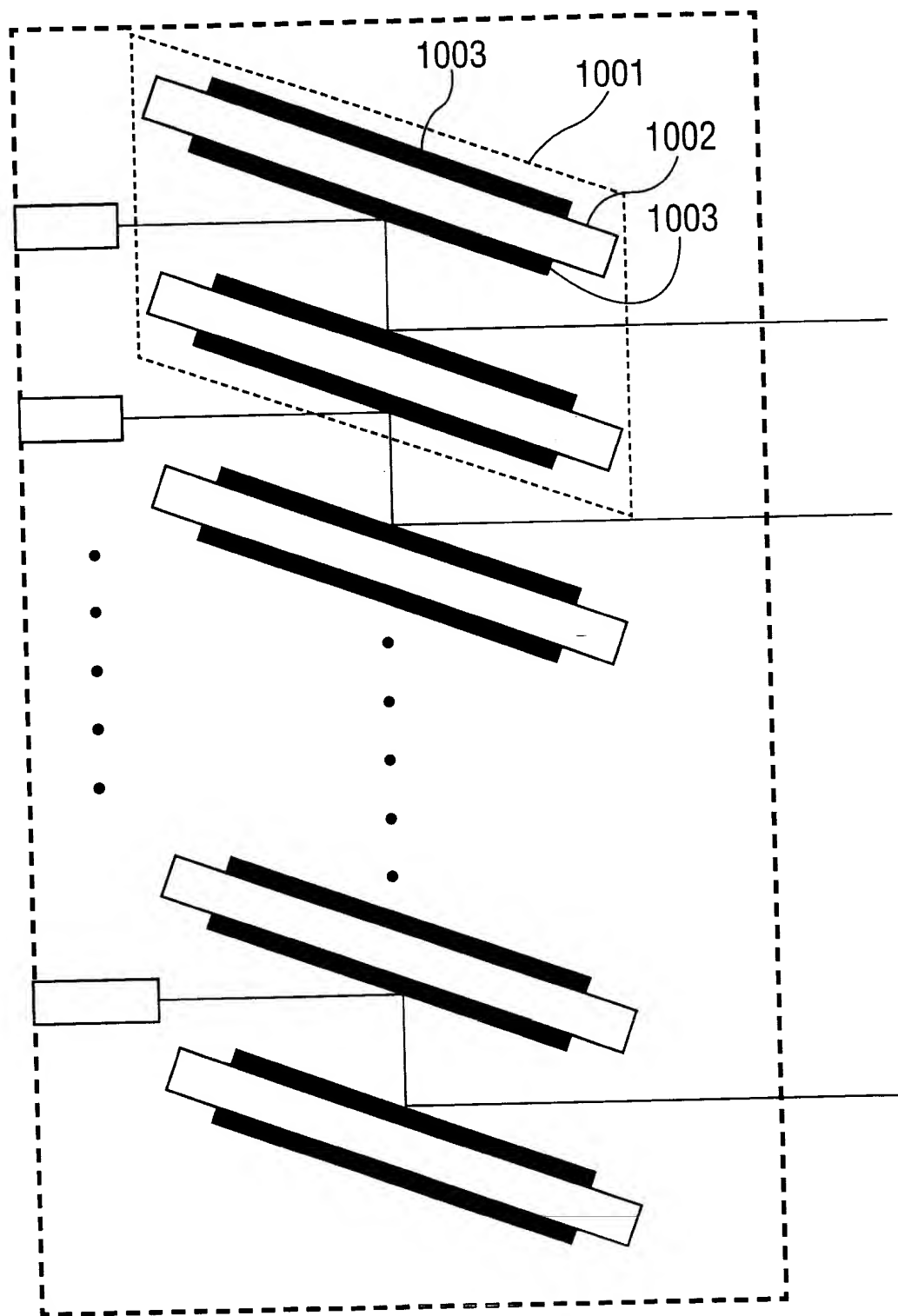


Figure 10

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1100

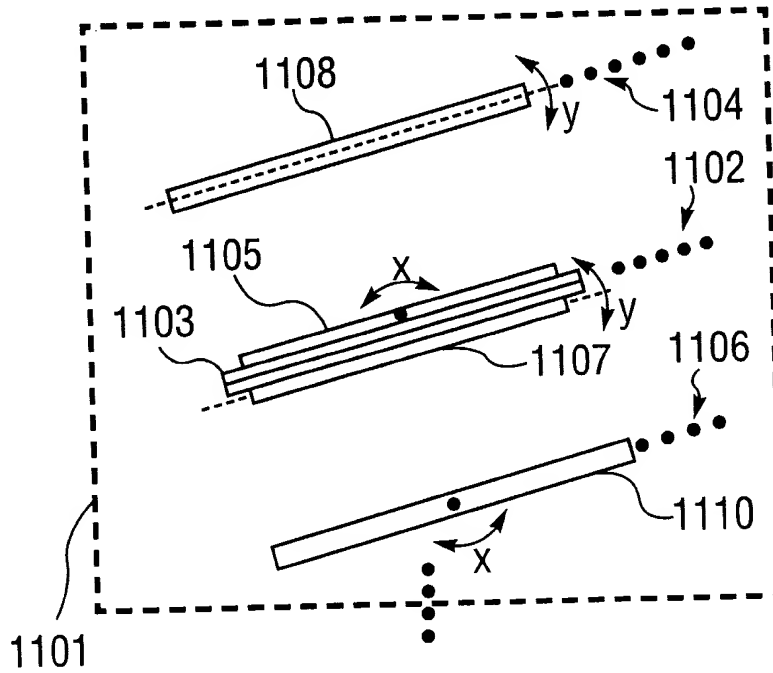


Figure 11

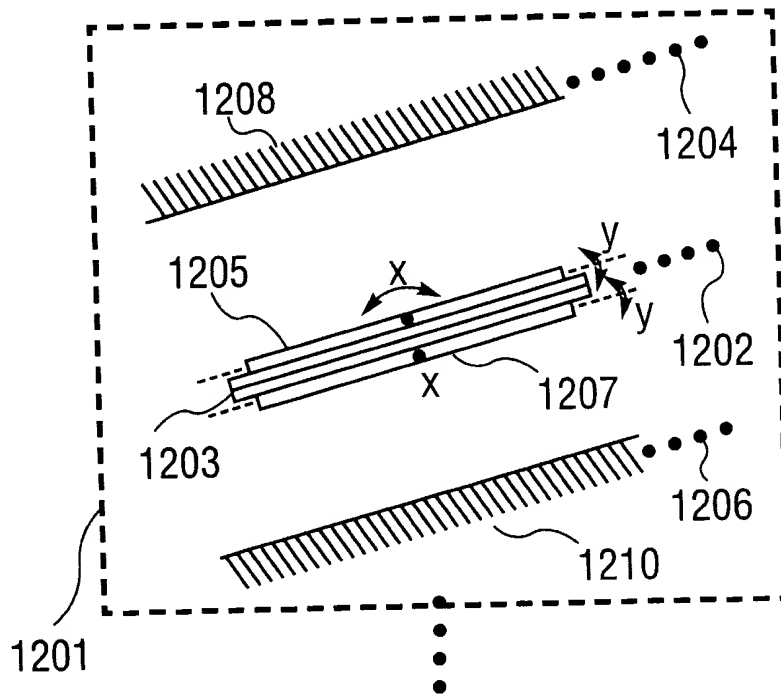


Figure 12

1300

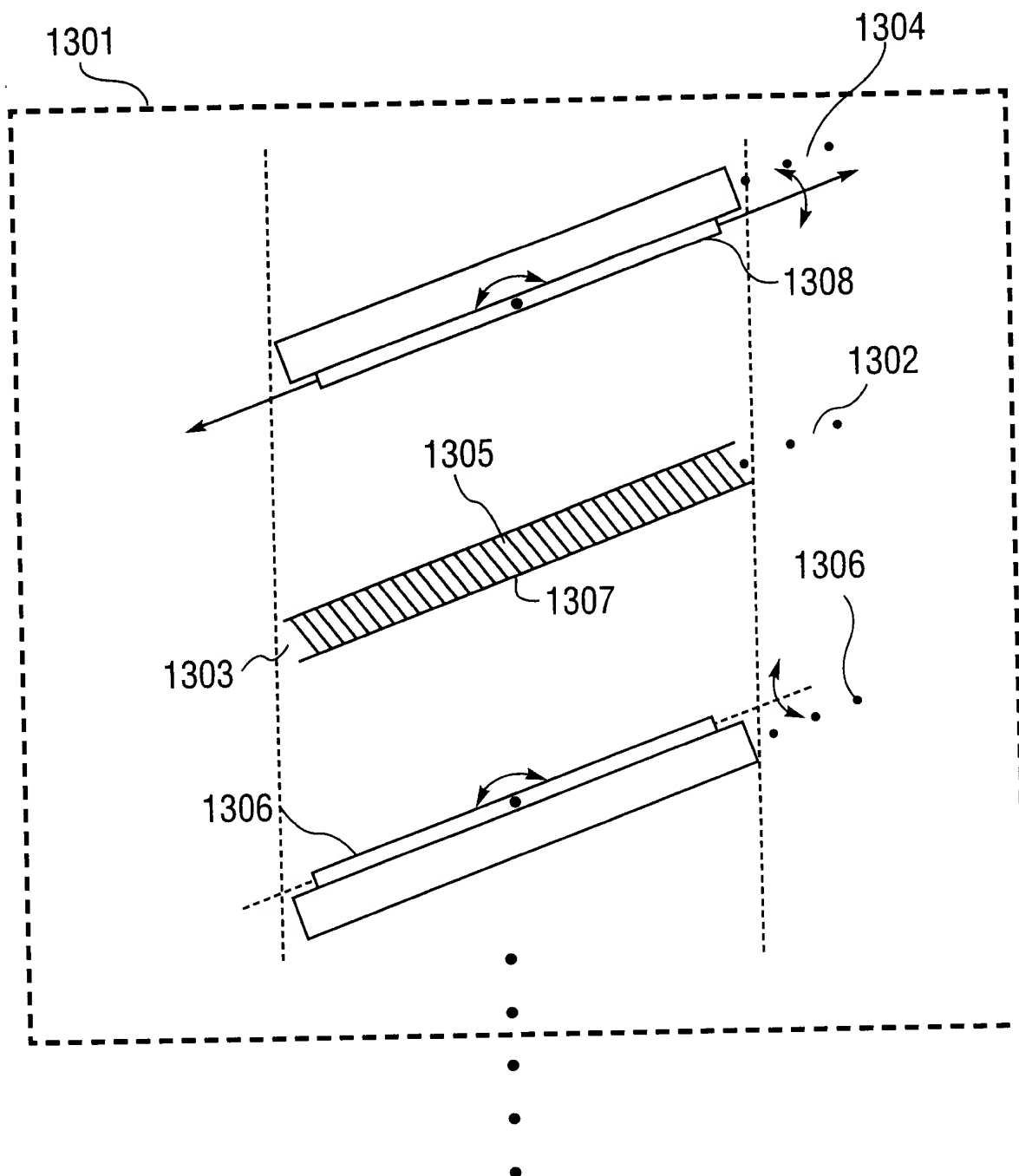


Figure 13

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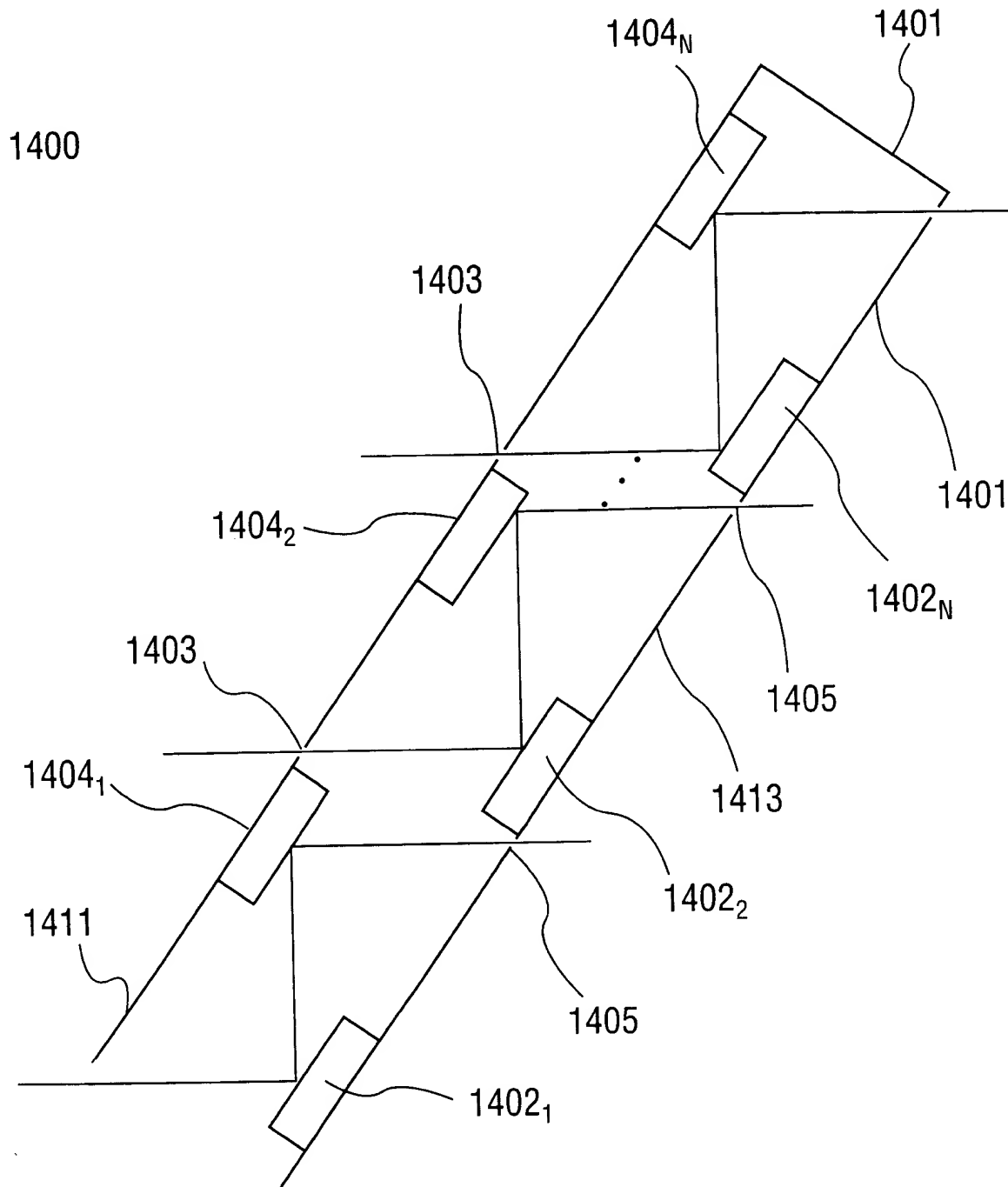


Figure 14

105220-99021860

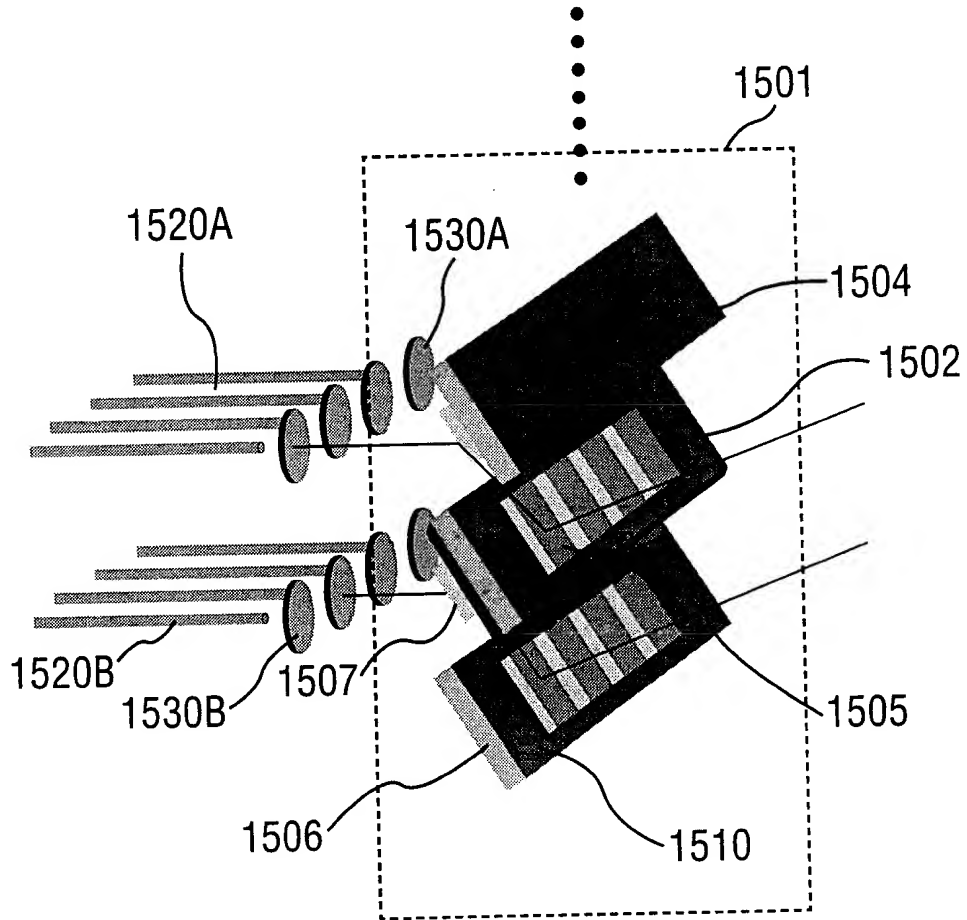


Figure 15

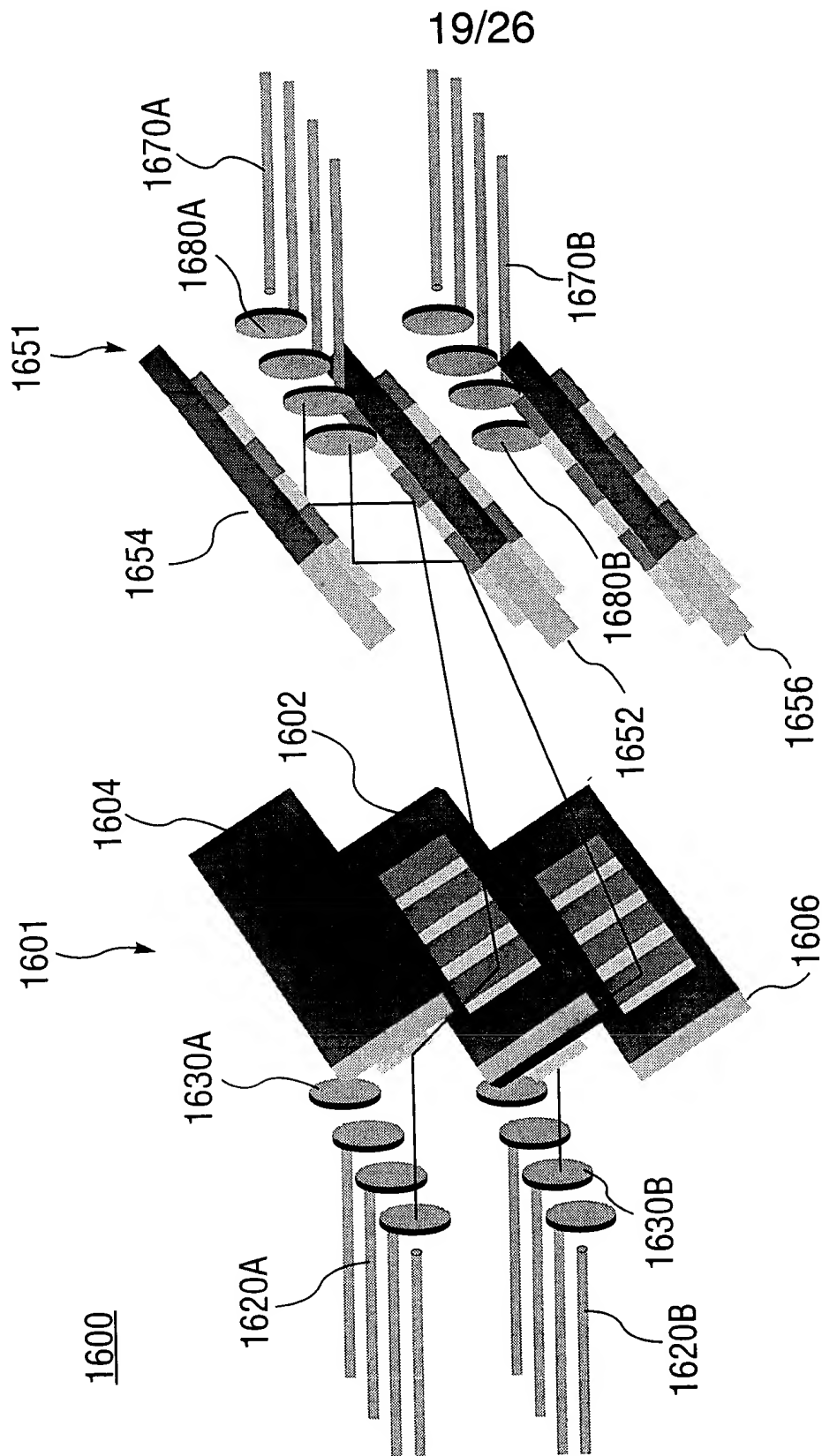
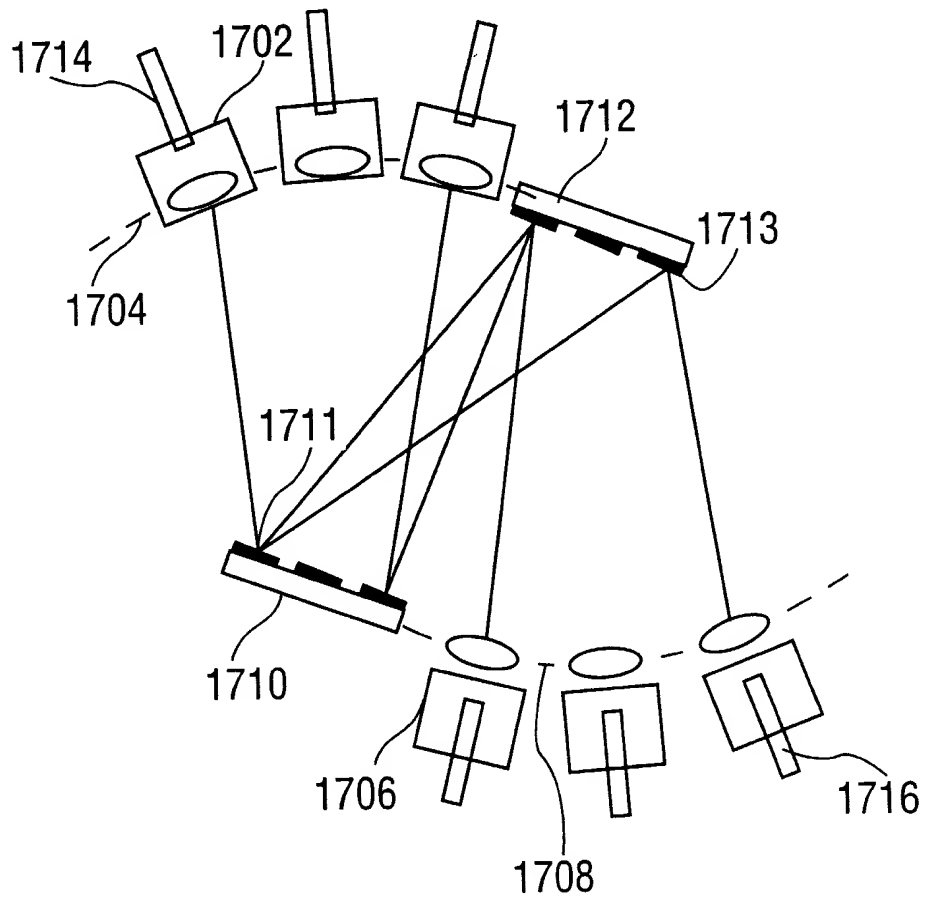


Fig 16

1700



**Figure 17**

005240-99021960

1800

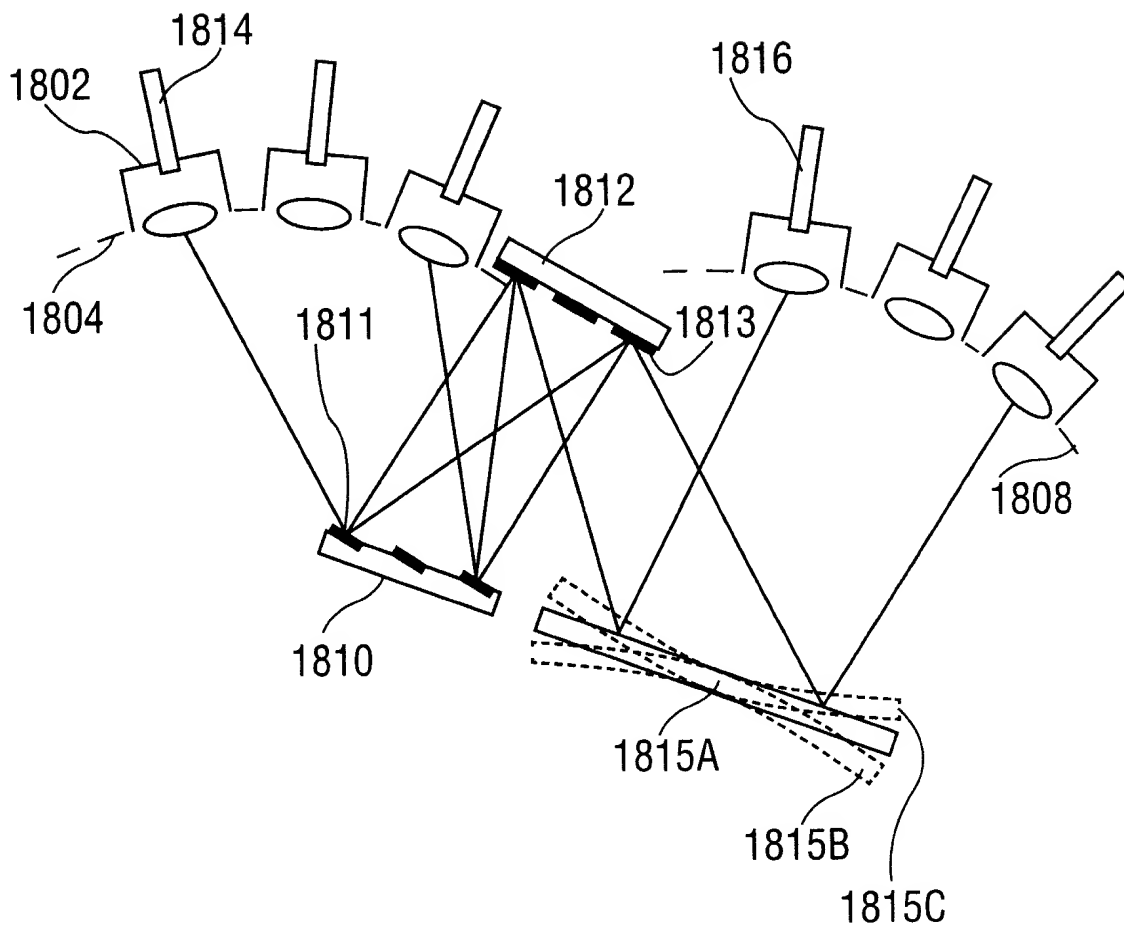


Figure 18

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1900

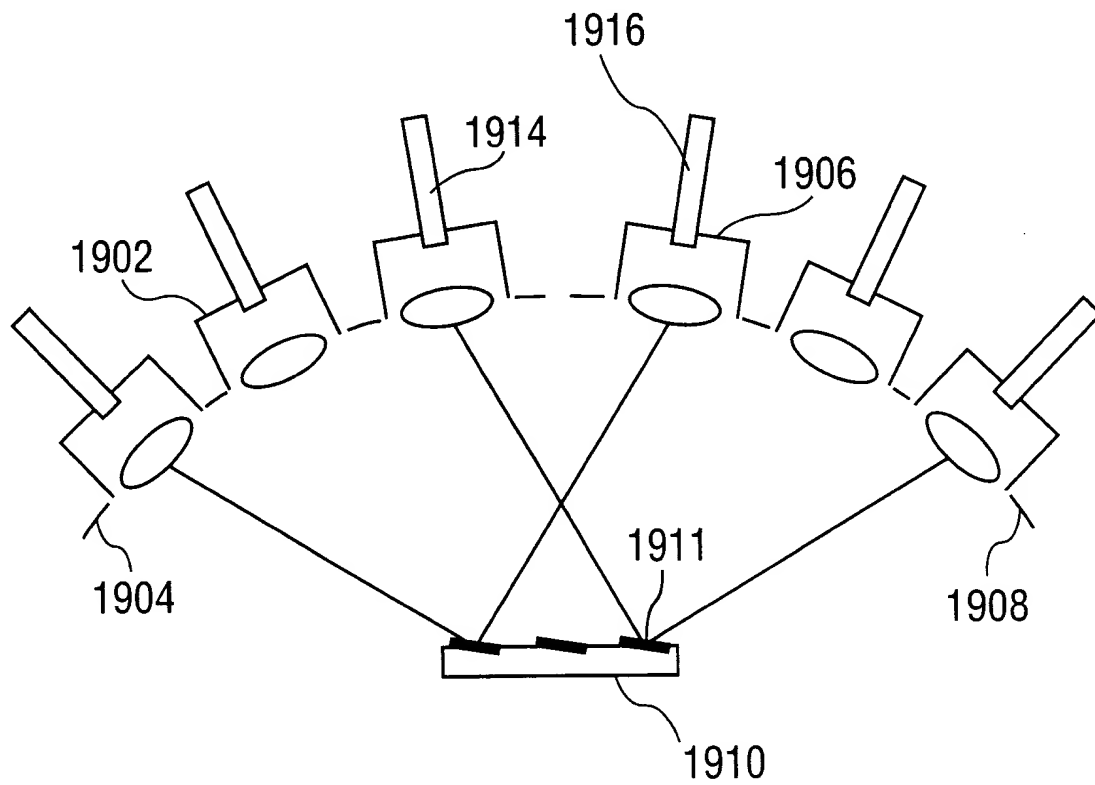


Figure 19

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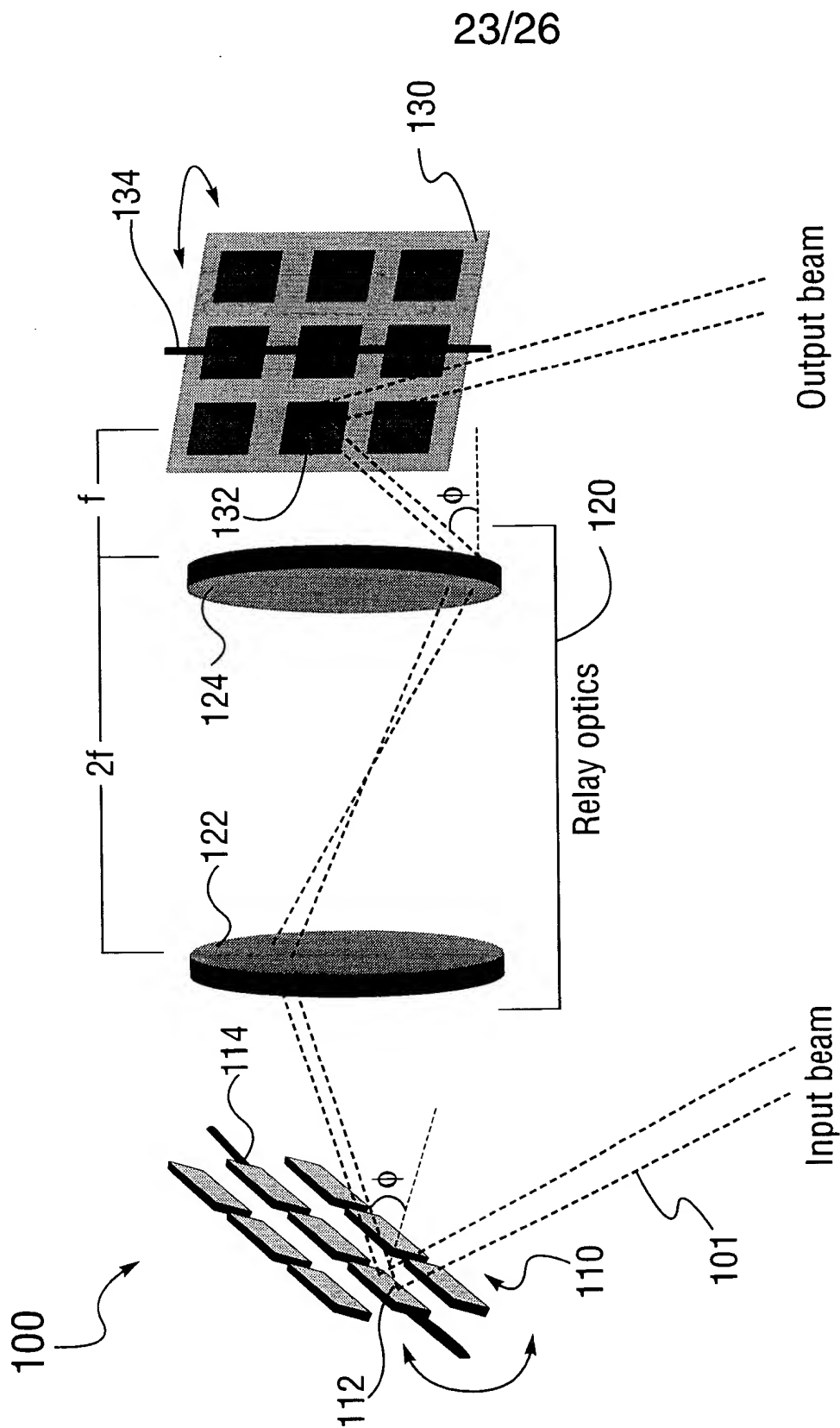


Figure 20

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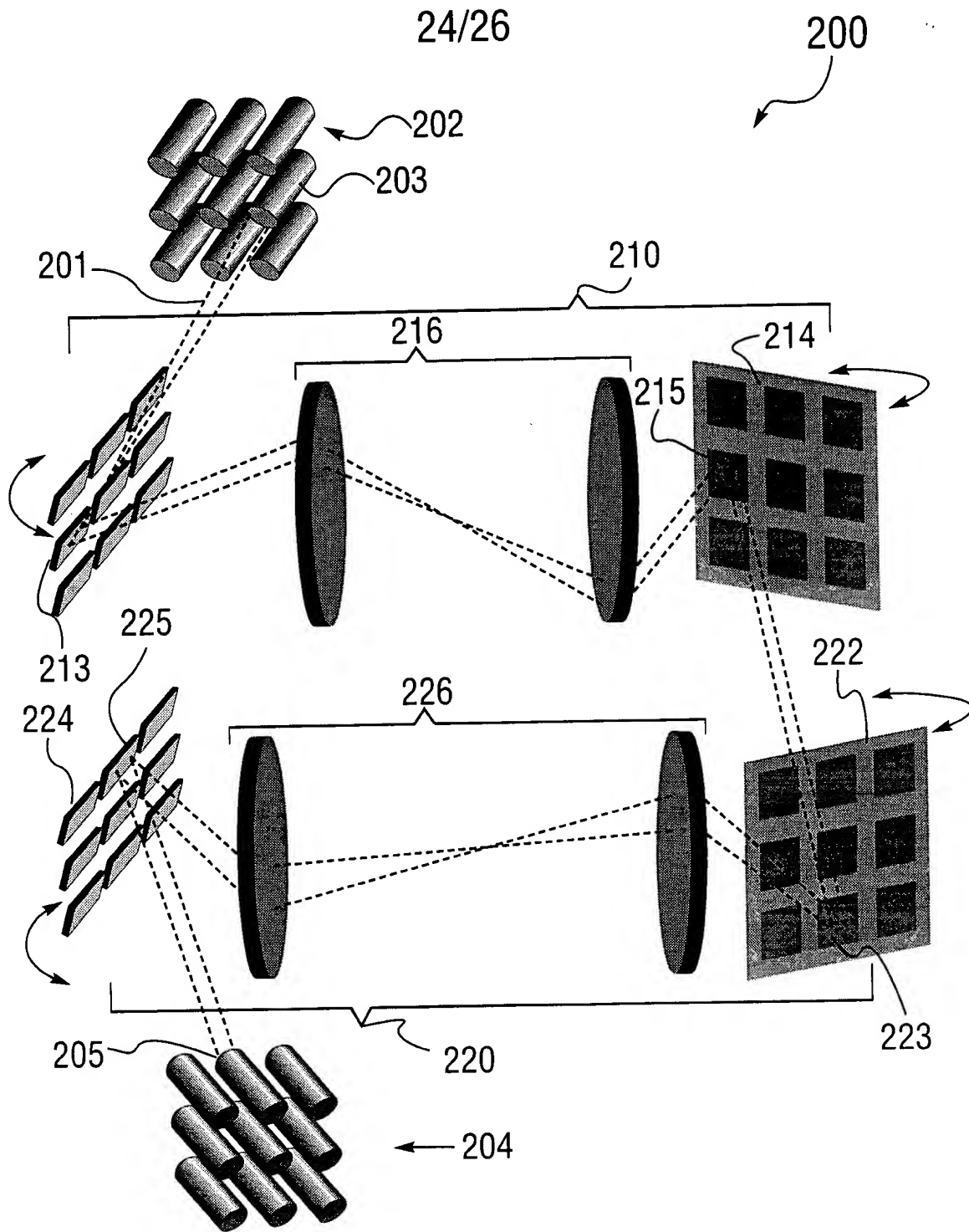


Figure 21



FOSS220" 9902T860

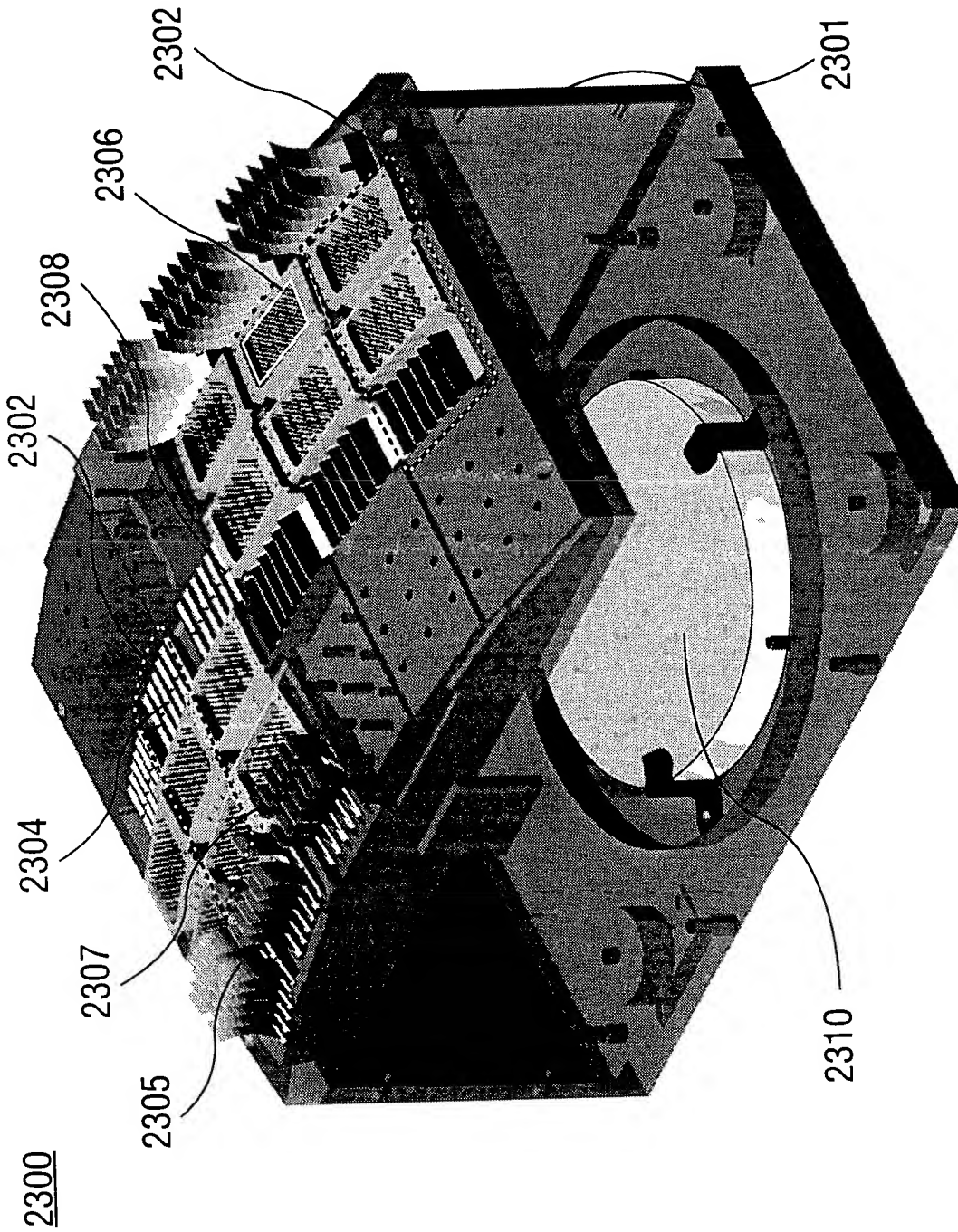


Figure 22

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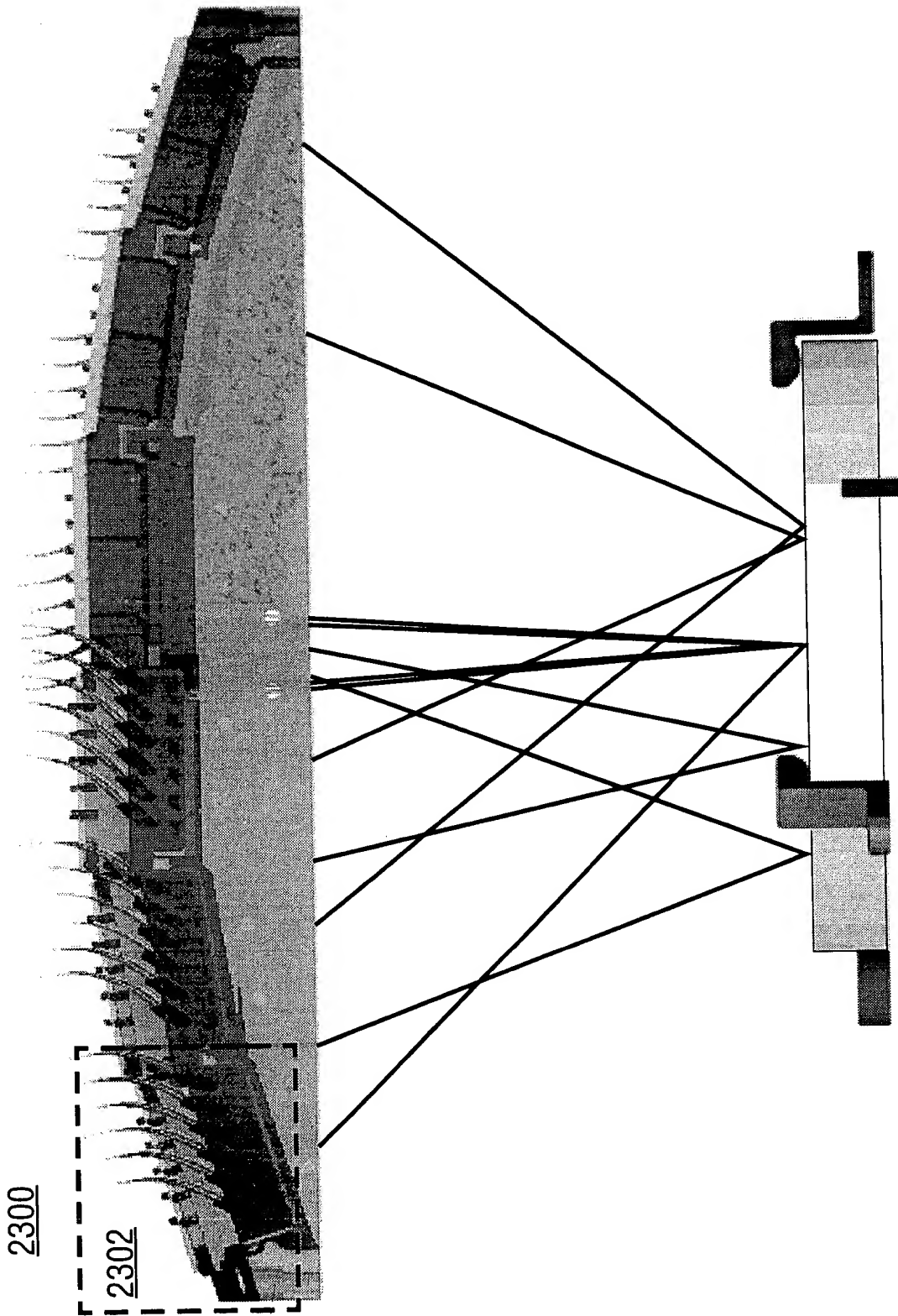


Figure. 23